

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

a plurality of remote patient sites, each site including a device having at least one display and configured to be temporarily affixed to a patient and to operate in a monitoring mode;

a data management unit in signal communication with said device and configured to facilitate collection of patient health-related data;

a memory ~~and stored~~ connected to said device, said memory storing computer program instructions for collecting said patient health-related data and generating health-monitoring related information on the display; and

at least one central server connectable for communication with said data management unit at said remote patient sites to provide said computer program instructions stored in said memory and receive said patient health-related data collected at said remote patient sites, wherein said central server is configured to (i) analyze said patient health-related data, (ii) process said patient health-related data, (iii) produce reports, including standardized reports, from said patient health-related data, and

(iv) transmit said reports to a designated health care professional.

2. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said system is configured to allow a health care professional to select which of a plurality of standardized reports is produced.

3. (PREVIOUSLY PRESENTED) The system of claim 2, wherein said reports use graphs and/or icons.

4. (PREVIOUSLY PRESENTED) The system of claim 2, wherein said reports can be generated periodically.

5. (CANCELED).

6. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said system is configured to cause the presentation of at least one report on the display at a remote patient site.

7. (CANCELED).

8. (CANCELED).

9. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said system can display said reports, wherein said reports further comprise formatted statistical or trend information.

10. (CANCELED).

11. (PREVIOUSLY PRESENTED) The system of claim 2, further comprising at least one health care professional computer, remotely located from and in signal communication with said central server.

12. (PREVIOUSLY PRESENTED) The system of claim 2, further comprising at least one health-monitoring device configured to monitor at least one patient health condition at at least one remote patient site and to communicate data related to the monitored condition to said central server.

13. (PREVIOUSLY PRESENTED) The system of claim 12, wherein said data management unit facilitates collection of said patient health-related data by receiving data related to the monitored condition from at least one of said health-monitoring devices.

14. (PREVIOUSLY PRESENTED) The system of claim 12, wherein at least one of said health-monitoring devices includes one or more of the set consisting of a blood glucose monitor;

a peak flow meter;

a blood pressure monitor;

a pulse monitor; and

a body temperature monitor.

15. (PREVIOUSLY PRESENTED) The system of claim 2, wherein said data management unit is configured to facilitate collection of said patient health-related data entered by a patient at said remote patient site using buttons, keys or switches.

16. (CURRENTLY AMENDED) The system of claim 11, wherein said data management unit is physically separate from the device including said display.

17. (PREVIOUSLY PRESENTED) The system of claim 14, wherein said memory and said display form a part of one of said health-monitoring devices.

18. (PREVIOUSLY PRESENTED) The system of claim 16, wherein said display is in a handheld device.

19. (PREVIOUSLY PRESENTED) The system of claim 18, wherein said handheld device is capable of displaying one of (i) pictorial health-monitoring related information, and (ii) animated health-monitoring related information.

20. (CANCELED).

21. (PREVIOUSLY PRESENTED) The system of claim 19, wherein said memory is a program cartridge.

22. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said remote patient sites further include at least one personal computer connected to said data management unit.

23. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said system is configured to transmit a message for display on at least one display.

24. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message includes step-by-step instructions.

25. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message includes results of a test.

26. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message includes a diagnostic indication related to whether a test has proceeded in a normal fashion.

27. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message is a multi-line message.

28. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message is a health care professional selected message.

29. (PREVIOUSLY PRESENTED) The system of claim 27 wherein said health-care professional generates said message.

30. (PREVIOUSLY PRESENTED) The system of claim 23, wherein said message is educational or motivational.

31. (PREVIOUSLY PRESENTED) The system of claim 27, wherein said system is configured to cause said message to be transmitted to a specific patient.

32. (PREVIOUSLY PRESENTED) The system of claim 27, wherein said system is configured to cause said message to be transmitted automatically to a patient.

33. (PREVIOUSLY PRESENTED) The system of claim 27, wherein said system enables a patient to choose when to receive said message.

34. (PREVIOUSLY PRESENTED) The system of claim 27, wherein said message can be stored before being transmitted to a patient.

35. (PREVIOUSLY PRESENTED) The system of claim 12, wherein said system is configured to allow a patient to control the display of information using at least one menu.

36. (PREVIOUSLY PRESENTED) The system of claim 35, wherein said menu allows said patient to select any one of the operational modes from the set consisting of:

a display mode for displaying relevant information;

5 an input mode for providing information; and

a communications mode for establishing a link with the central server.

37. (PREVIOUSLY PRESENTED) The system of claim 35, wherein said menu allows said patient to select a monitoring mode in which at least one of said health-monitoring devices is used.

38. (PREVIOUSLY PRESENTED) The system of claim 35, wherein said menu allows said patient to display messages or instructions from a health care professional.

39. (PREVIOUSLY PRESENTED) The system of claim 2, wherein said system is configured to enable a patient to respond to information on said display by using a cursor or other indicator positioned at a selected item.

40. (CURRENTLY AMENDED) The system of claim 2, wherein said system is configured to enable programs to be provided, from said central server, for storage in said memory and ~~execution~~ executed at said remote patient site.

41. (PREVIOUSLY PRESENTED) The system of claim 1, wherein a patient can indicate user experienced symptoms to said system.

42. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said system can capture quantitative measurements.

43. (PREVIOUSLY PRESENTED) The system of claim 42, wherein said system can capture medication data.

44. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said collected patient health-related data includes time data.

45. (PREVIOUSLY PRESENTED) The system of claim 11, wherein said healthcare professional computer receives said reports after transmitting an authorization code to the server that identifies an associated healthcare professional as an authorized user.

46. (CURRENTLY AMENDED) A method of collecting and processing patient health-related data, comprising:

at a plurality of remote patient sites having a patient device including at least one display and a memory removably connected to the device, using a said memory and stored to store computer program instructions, wherein said computer program instructions, when executed, collect patient health-related data and to generate health-monitoring related information on the at least one display, wherein said patient device is configured to be temporarily affixed to a patient and to operate in a monitoring mode;

using a data management unit in signal communication with said patient device to facilitate ~~facilitating~~ collection of said patient health-related data; ~~and~~

15 collecting patient health-related data; and
 connecting to at least one central server for
communication with said data management unit at said remote patient
sites to provide said computer program instructions stored in said
 memory and receive said patient health-related data collected at
20 said remote patient ~~sites, and~~ sites, wherein said central ~~serve~~
 server is configured to (i) analyze said patient health-related
data, (ii) process said patient health related data, (iii)
~~producing~~ produce reports, including standardized reports, from
said patient health-related data, and (iv) transmit said reports to
a designated health care professional.

47. (ORIGINAL) The method of claim 46, further
comprising allowing a health care professional to select which of
a plurality of standardized reports is produced.

48. (PREVIOUSLY PRESENTED) The method of claim 47,
wherein said reports use graphs and/or icons.

49. (PREVIOUSLY PRESENTED) The method of claim 47,
wherein said reports can be generated periodically.

50. (CANCELED).

51. (ORIGINAL) The method of claim 46, further comprising presenting at least one report on a display at a remote patient site.

52. (CANCELED).

53. (PREVIOUSLY PRESENTED) The method of claim 46, further comprising displaying said reports, wherein said reports further comprise statistical or trend information.

54. (CANCELED).

55. (PREVIOUSLY PRESENTED) The method of claim 47, further comprising remotely locating and placing in signal communication at least one health care professional computer with said central server.

56. (CURRENTLY AMENDED) The method of claim 47, further comprising using at least one health monitoring device to monitor at least one patient health condition at at least one remote patient site, and to communicate data related to the monitored condition to said central server.

57. (PREVIOUSLY PRESENTED) The method of claim 56, wherein said data management unit facilitates collection of said patient health-related data by receiving data related to the monitored condition from at least one of said health-monitoring devices.

58. (PREVIOUSLY PRESENTED) The method of claim 56, wherein at least one of said health monitoring device includes one or more of the set consisting of a blood glucose monitor;

a peak flow meter;

5 a blood pressure monitor;

a pulse monitor; and

a body temperature monitor.

59. (PREVIOUSLY PRESENTED) The method of claim 47, wherein said data management unit facilitates collection of said patient health-related data entered by a patient at the remote patient site using buttons, keys or switches.

60. (CURRENTLY AMENDED) The method of claim 56, wherein said data management unit is physically separate from the patient device including said at least one display.

61. (PREVIOUSLY PRESENTED) The method of claim 60, wherein said memory and said display form a part of at least one of said health-monitoring devices.

62. (PREVIOUSLY PRESENTED) The method of claim 60, wherein said display is in a handheld device.

63. (PREVIOUSLY PRESENTED) The method of claim 62, wherein said memory is a program cartridge.

64. (PREVIOUSLY PRESENTED) The method of claim 62, wherein said handheld device is capable of displaying one of (i) pictorial health-monitoring related information, and (ii) animated health-monitoring related information.

65. (CANCELED).

66. (PREVIOUSLY PRESENTED) The method of claim 46, wherein said remote patient sites further include at least one personal computer connected to said data management unit.

67. (ORIGINAL) The method of claim 46, further comprising transmitting at least one message and displaying it on at least one remote patient site display.

68. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message includes step-by-step instructions.

69. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message includes results of a test.

70. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message includes diagnostic information indicating whether a test has proceeded in a normal fashion.

71. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message is a multi-line message.

72. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message is a health care professional selected message.

73. (PREVIOUSLY PRESENTED) The method of claim 67, wherein the health-care professional generates said message.

74. (PREVIOUSLY PRESENTED) The method of claim 67, wherein said message is educational or motivational.

75. (PREVIOUSLY PRESENTED) The method of claim 69, wherein said message is transmitted to a specific patient.

76. (PREVIOUSLY PRESENTED) The method of claim 69, wherein said message is transmitted automatically to a patient.

77. (PREVIOUSLY PRESENTED) The method of claim 69, wherein a patient chooses when to receive said message.

78. (PREVIOUSLY PRESENTED) The method of claim 69, wherein said message is stored before being transmitted to a patient.

79. (ORIGINAL) The method of claim 47, wherein a patient controls the display of information using at least one menu.

80. (PREVIOUSLY PRESENTED) The method of claim 79, wherein said menu allows said patient to select any one of the operational modes from the set consisting of:

a display mode for displaying relevant information;

an input mode for providing information; and

a communications mode for establishing a link with said central server.

81. (PREVIOUSLY PRESENTED) The method of claim 79, wherein said menu allows said patient to select a monitoring mode in which at least one of the health-monitoring devices is used.

82. (PREVIOUSLY PRESENTED) The method of claim 79, wherein said menu allows said patient to display messages or instructions from a health care professional.

83. (PREVIOUSLY PRESENTED) The method of claim 47, wherein a patient responds to information on said display by using a cursor or other indicator positioned at a selected item.

84. (CURRENTLY AMENDED) The method of claim 47, further comprising:

providing a program from said central server to a remote patient site; ~~and~~

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storing the program in ~~a~~ said memory; and

executing the program at the remote patient site.

85. (PREVIOUSLY PRESENTED) The method of claim 46, wherein said collected patient health-related data includes user-experienced symptoms.

86. (PREVIOUSLY PRESENTED) The method of claim 46, wherein said collected patient health-related data includes the capture of quantitative measurements.

87. (PREVIOUSLY PRESENTED) The method of claim 46, wherein said system is configured to capture medication data.

88. (PREVIOUSLY PRESENTED) The system of claim 1, wherein said collected patient health-related data includes time data.

89. (PREVIOUSLY PRESENTED) The method of claim 47, wherein said health care professional receives said reports after transmitting an authorization code to said central server that identifies an associated healthcare professional as an authorized user.

90. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

a plurality of remote patient sites, each site including a device having a means for displaying information, said device configured to be temporarily affixed to a patient and to operate in a monitoring mode;

a data management unit means for facilitating collection of patient health-related data, said data management means in signal communication with said device;

10 a memory means and stored program means for storing computer program instructions for collecting said patient health-related data and generating health-monitoring related information on the display means, said memory means and stored program means removably connected to said device;

15 at least one central server for communication with the data management unit means at said remote patient sites to provide said computer program instructions stored in said memory means and stored program means and to receive said patient health-related data collected at said remote patient sites; and

20 means for (i) analyzing said patient health-related data, (ii) processing said patient health-related data, (iii) producing reports, including standardized reports, from said patient health-related data, and (iv) transmitting said reports to a designated health care professional.

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91. (PREVIOUSLY PRESENTED) The system of claim 18, wherein said data management unit is contained within said handheld device.

92. (PREVIOUSLY PRESENTED) The system of claim 18, wherein said system is configured to include wireless data transmission between said handheld device and said data management unit.

93. (PREVIOUSLY PRESENTED) The system of claim 12, wherein said system is configured to include wireless data transmission between said data management unit and said health-monitoring device.

94. (CURRENTLY AMENDED) The system of claim 91, wherein (i) said system further comprises at least one health-monitoring device configured to monitor at least one patient health condition at at least one remote patient site and to communicate data related to said monitored patient health condition to said central server and (ii) said system is configured to include wireless data transmission between said data management unit and said health-monitoring device.

95. (PREVIOUSLY PRESENTED) The method of claim 62, wherein said data management unit is contained within said handheld device.

96. (PREVIOUSLY PRESENTED) The method of claim 62, comprising wireless communication between said handheld device and said data management unit.

97. (PREVIOUSLY PRESENTED) The method of claim 56, comprising wireless communication between said data management unit and said health-monitoring device.

98. (CURRENTLY AMENDED) The method of claim ~~95~~ 46, further comprising using at least one health-monitoring device ~~configured with said data management unit~~ to monitor at least one patient health condition at at least one remote patient site and to
5 communicate data related to the monitored patient health condition to said central server, and further comprising wireless data transmission between said data management unit and said health-monitoring device.